REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

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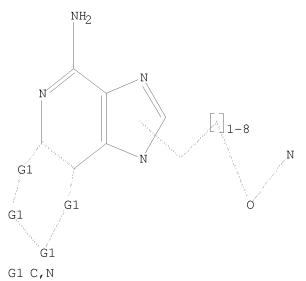
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Structure attributes must be viewed using STN Express query preparation.

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SAMPLE SEARCH INITIATED 12:38:50 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 218 TO ITERATE

100.0% PROCESSED 218 ITERATIONS INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 3475 TO 5245

PROJECTED ANSWERS: 2143 TO 3577

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FULL SEARCH INITIATED 12:38:55 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 4276 TO ITERATE

100.0% PROCESSED 4276 ITERATIONS 2634 ANSWERS

SEARCH TIME: 00.00.01

L3 2634 SEA SSS FUL L1

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COST IN U.S. DOLLARS SINCE FILE TOTAL ENTRY SESSION

FULL ESTIMATED COST 188.76 188.98

FILE 'CAPLUS' ENTERED AT 12:39:00 ON 23 OCT 2009
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FILE COVERS 1907 - 23 Oct 2009 VOL 151 ISS 18

FILE LAST UPDATED: 22 Oct 2009 (20091022/ED)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2009

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2009

CAplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2009.

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This file contains CAS Registry Numbers for easy and accurate substance identification.

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L4 2 L3

=> d abs fbib fhitstr 1-2

L4 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2009 ACS on STN GI

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

AB Title compds. [I; X = CHR2, CHR2A; A = (un)substituted alkylene, alkenylene; Y = a bond, C(:0), C(:S), SO2, COO, CONH and derivs., etc.; R1, R' = independently H, (un)substituted alk(en)yl, aryl, etc.; RA, RB = independently H, halo, alk(en)yl, alkoxy, alkylthio, NH2 and derivs.; or RACCRB = (un)substituted fused hetero/aryl, fused 5- to 7-membered saturated ring; R'' = H, non-interfering substituent; and their pharmaceutically acceptable salts], were prepared as immunomodulators for inducing cytokine biosynthesis in animals and in the treatment of diseases including viral and neoplastic diseases. For example, reacting 1-[3-(aminooxy)propyl]-2-propyl-1H-imidazo[4,5-c]quinolin-4-amine (preparation given) with cyclopropanecarbonyl chloride gave title compound II (m.p. = 103-105°). Thus, induced interferon and tumor necrosis factor in human cells (no data).

AN 2005:177837 CAPLUS

DN 142:280205

- TI Preparation of hydroxylamine substituted imidazo-containing compounds as inducers of cytokine biosynthesis for treatment of viral and neoplastic disease
- IN Kshirsagar, Tushar A.; Amos, David T.; Dellaria, Joseph F., Jr.; Heppner, Philip D.; Langer, Scott E.; Zimmermann, Bernhard M.
- PA 3M Innovative Properties Company, USA
- SO PCT Int. Appl., 254 pp. CODEN: PIXXD2
- DT Patent
- LA English

FAN.CNT 2																		
	PATENT NO.					KIN		DATE			APPL	ICAT		DATE				
ΡI		O 2005018556 O 2005018556			A2				WO 2004-US26158						2	0040	812	
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				US 2003-494605P	P	20030812
				US 2003-494608P	P	20030812
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BR	2004012902	А	20060926	BR 2004-12902		20040812
				US 2003-494605P	P	20030812
				US 2003-494608P	P	20030812
				WO 2004-US26065	M	20040812
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				US 2003-494608P	P	20030812
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MX	2006001669	А	20060428	MX 2006-1669		20060210
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				WO 2004-US26065	W	20040812

OS CASREACT 142:280205; MARPAT 142:280205

IT 847439-75-2

RL: PRPH (Prophetic)

(Preparation of hydroxylamine substituted imidazo-containing compounds as inducers of cytokine biosynthesis for treatment of viral and neoplastic disease)

RN 847439-75-2 CAPLUS

CN Acetamide, N-[3-(4-amino-2-propyl-1H-imidazo[4,5-c][1,5]naphthyridin-1-yl)propoxy]- (CA INDEX NAME)

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2009 ACS on STN GI

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

Title compds. [I; X = CHR2A; A = alkylene, alkenylene optionally interrupted by one or more O; R1, R' = independently H, (un)substituted alk(en)yl, hetero/aryl, hetero/arylalkylenyl, heterocyclyl, heterocyclylalkylenyl, etc.; RA, RB = independently H, halo, alk(en)yl, alkoxy, alkylthio, NH2 and derivs.; or RACCRB = (un)substituted fused hetero/aryl, fused 5- to 7-membered saturated ring; R'' = H, non-interfering substituent; and their pharmaceutically acceptable salts], were prepared as immunomodulators for inducing cytokine biosynthesis in animals and in the treatment of diseases including viral and neoplastic diseases. Thus, reacting 4-fluorobenzaldehyde with 1-[3-(aminooxy)propyl]-2-propyl-1H-imidazo[4,5-c]quinolin-4-amine (preparation given) in MeOH gave oxime II. I induced interferon and tumor necrosis factor in human cells (no data).

AN 2005:177833 CAPLUS

DN 142:280204

- TI Preparation of oxime substituted imidazo-containing compounds as inducers of cytokine biosynthesis for treatment of viral and neoplastic disease
- IN Kshirsagar, Tushar; Amos, David T.; Dellaria, Joseph F., Jr.; Heppner, Philip D.; Langer, Scott E.; Zimmermann, Bernhard M.
- PA 3M Innovative Properties Company, USA
- SO PCT Int. Appl., 348 pp. CODEN: PIXXD2
- DT Patent
- LA English

FAN.CNT 2

	PATENT NO.									APPLICATION NO.										
ΡI	WO	2005	005018551 005018551			A2		20050303		WO 2004-US26065					20040812					
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				WO	2004-US26158	W	20040812

CASREACT 142:280204; MARPAT 142:280204 OS

ΙT 1044343-60-3

RL: PRPH (Prophetic)

(Preparation of oxime substituted imidazo-containing compounds as inducers of cytokine biosynthesis for treatment of viral and neoplastic disease)

1044343-60-3 CAPLUS RN

 $4- \texttt{Piperidinone, 1-methyl-, 0-[3-(4-amino-2-ethyl-1H-imidazo[4,5-c]quinolin-defined and a second of the property of$ CN 1-yl)propyl]oxime (CA INDEX NAME)

OSC.G THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

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